

LESSON

3

Proportional Relationships**Practice B: Solving Proportions**

Use cross products to solve each proportion.

1. $\frac{2}{5} = \frac{x}{35}$

2. $\frac{7}{r} = \frac{1}{4}$

3. $\frac{k}{75} = \frac{9}{15}$

4. $\frac{1}{3} = \frac{z}{27}$

5. $\frac{2}{11} = \frac{12}{d}$

6. $\frac{24}{s} = \frac{4}{12}$

7. $\frac{w}{42} = \frac{6}{7}$

8. $\frac{t}{54} = \frac{2}{9}$

9. $\frac{3}{8} = \frac{a}{64}$

10. $\frac{17}{34} = \frac{7}{f}$

11. $\frac{15}{h} = \frac{5}{6}$

12. $\frac{4}{15} = \frac{36}{c}$

13. $\frac{z}{25} = \frac{12}{5}$

14. $\frac{36}{k} = \frac{9}{4}$

15. $\frac{5}{14} = \frac{n}{42}$

16. $\frac{8}{9} = \frac{40}{m}$

17. $\frac{7}{c} = \frac{63}{54}$

18. $\frac{24}{21} = \frac{s}{35}$

19. $\frac{e}{22} = \frac{6}{15}$

20. $\frac{3}{v} = \frac{12}{17}$

21. $\frac{5}{14} = \frac{4}{a}$

22. Eight oranges cost \$1.00. How much will 5 dozen oranges cost?
_____23. A recipe calls for 2 eggs to make 10 pancakes. How many eggs will you need to make 35 pancakes?
